100+ Tables, One Reporting Platform: Industrial Services Provider Automates Field-to-Finance Data Flow.

continuserve

THE CHALLENGE

- **Fragmented Financial Data:** Reporting depended on data split between a field operations system and NetSuite, with no reliable consolidation.
- **Scale of Consolidation:** More than 100 source tables required repeatable, dependable synchronization.
- **Manual Effort Limiting Growth:** Integration work could not scale with the business or support flexible reporting.
- **Unautomated Time Tracking:** Employee time-tracking data exchange between systems was neither automated nor secured.

OUR SOLUTION



Metadata-Driven Pipelines

ContinuServe developed metadata-driven Azure Data Factory pipelines to automate synchronization between Azure SQL source and target databases, processing more than 100 tables through dynamic Lookup-based orchestration.



Reusable Integration Frameworks

Reusable and parameterized integration frameworks were created to improve scalability, reduce maintenance effort, and ensure reliable end-to-end data movement and monitoring.



Secure Bi-Directional Integration

Azure Function Apps enable bi-directional NetSuite and Azure SQL integration for accurate employee time-tracking, with Azure services including Key Vault, Function App, and Data Factory configured securely and NetSuite entities set up for customer, project, and task dimensions.

IMPACT

01 **Integration Automated:** 100+ source tables synchronized automatically into a single reporting platform.

02 **Time Tracking Connected:** Bi-directional NetSuite and Azure SQL integration delivering accurate employee time-tracking data exchange.

03 **Built to Scale Securely:** Reusable, parameterized frameworks reduce maintenance effort, with Key Vault-backed configuration across Azure services.